

CLAIMS

1 1. An ultraviolet protective preparation comprising
2 0.1 to 10% by weight of an ester compound, 39.9 to 89.9% by
3 weight of an ester oil and 10 to 50% by weight of an ultraviolet
4 protective powder, wherein:

5 the ester compound is an ester compound produced from
6 glycerin and/or its condensate, a straight-chain saturated
7 fatty acid having 2 to 28 carbon atoms and an aliphatic
8 saturated dibasic acid having 12 to 28 carbon atoms and the
9 ester oil is an oil agent which has a liquid or paste form
10 at normal temperature and is produced from a carboxylic acid
11 having a monovalent to hexavalent carboxyl group and 2 to
12 36 carbon atoms and an alcohol having monohydric to hexahydric
13 hydroxyl group and 1 to 36 carbon atoms.

1 2. The ultraviolet protective preparation according
2 to Claim 1, wherein the amount of the ester compound to be
3 formulated is 0.4 to 2% by weight, the amount of the ester
4 oil to be formulated is 57.1 to 74.8% by weight and the amount
5 of the ultraviolet protective powder to be formulated is 24.8
6 to 39.9% by weight.

1 3. The ultraviolet protective preparation according
2 to Claim 1 or 2, wherein the ester compound is an ester compound
3 prepared from glycerin and/or a polyglycerin having a mean
4 value of polymerization degree of 2 to 10, a straight-chain
5 saturated fatty acid having 16 to 24 carbon atoms and an

6 aliphatic saturated dibasic acid having 16 to 24 carbon atoms.

1 4. The ultraviolet protective preparation according
2 to any one of Claims 1 to 3, wherein the ester compound is
3 a compound prepared from glycerin, behenic acid and eicosanic
4 diacid.

1 5. The ultraviolet protective preparation according
2 to any one of Claims 1 to 4, wherein the ester oil has a viscosity
3 of 4 to 100 mPa·s at 20°C.

1 6. The ultraviolet protective preparation according
2 to any one of Claims 1 to 5, wherein the ester oil is one
3 or two or more ester oils prepared from one or two or more
4 polyols selected from neopentyl glycol,
5 2-methyl-2-ethyl-1,3-propanediol, glycerin,
6 trimethylolpropane, diglycerin, ditrimethylolpropane,
7 erythritol and pentaerythritol and one or two or more
8 saturated straight-chain carboxylic acids having a
9 monovalent carboxyl group and/or saturated branched
10 carboxylic acids having a monovalent carboxyl group.

1 7. The ultraviolet protective preparation according
2 to any one of Claims 1 to 6, wherein the ester oil is one
3 or two or more of neopentyl glycol dicaprate, glyceryl
4 tri-2-ethylhexanoate and pentaerythritol
5 tetra-2-ethylhexanoate.

1 8. The ultraviolet protective preparation according
2 to any one of Claims 1 to 7, wherein the ultraviolet protective
3 powder is one or two or more of titanium dioxide,
4 iron-containing titanium dioxide and zinc oxide.

1 9. The ultraviolet protective preparation according
2 to any one of Claims 1 to 8, the ultraviolet protective
3 preparation further comprising lecithin.

1 10. The ultraviolet protective preparation according
2 to Claim 9, wherein the ratio by weight of lecithin is 0.0001
3 to 0.05 to the total amount when the total amount of the ester
4 compound, the ester oil and the ultraviolet protective powder
5 is set to 1.

1 11. The ultraviolet protective preparation according
2 to Claim 9 or 10, wherein the lecithin is hydrogenated
3 lecithin.

1 12. The ultraviolet protective preparation according
2 to any one of Claims 1 to 11, wherein the storage elastic
3 modulus (G') when a shear stress (τ) of 0.1 to 10 Pa is applied
4 at a frequency of 1Hz at 25°C is 10 to 5000 Pa and the loss
5 elastic modulus (G'') when a shear stress (τ) of 0.1 to 10
6 Pa is applied at a frequency of 1Hz at 25°C is 80 to 3000
7 Pa.

1 13. The ultraviolet protective preparation according

2 to any one of Claims 1 to 12, wherein the area enclosed by
3 the shear rate and shear stress measured at 25°C in a hysteresis
4 loop is 300 to 3000 Pa × 1/s.

1 14. A cosmetic comprising the ultraviolet protective
2 preparation as claimed in any one of Claims 1 to 13.

1 15. The cosmetic according to Claim 14, wherein the
2 cosmetic is one type selected from face lotions, milky lotions,
3 creams, ointments, foundations, lip creams, lipsticks,
4 mascaras, eye shadows, eyebrows, nail enamels and cheek
5 colors.